



#4

SEQUENCE LISTING

<10> Estell, David A.  
Ganshaw, Grant C.  
Paech, Christian  
Paech, Sigrid

<120> Mass Spectrometric Analysis of  
Biopolymers

<130> GC626-2

<140> US 09/932,369  
<141> 2001-08-17

<150> US 60/228,198  
<151> 2000-08-25

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<223> tryptic peptide of BPN'

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<210> 2  
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<220>  
<223> tryptic peptide of BPN'

<400> 3  
His Pro Asn Trp Thr Asn Thr Gln Val Arg  
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<211> 10  
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<223> tryptic co-digest of 15N-subtilisin DAI and subtilisin

<400> 4  
Ala Gln Ser Val Pro Trp Gly Ile Ser Arg  
1 5 10

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<220>  
<223> tryptic co-digest of 15N-subtilisin DAI and subtilisin

<400> 5  
Val Gln Ala Pro Ala Ala His Asn Arg  
1 5

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<220>  
<223> tryptic co-digest of 15N-subtilisin DAI and subtilisin

<400> 6  
Gly Leu Thr Gly Ser Gly Val Lys  
1 5

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<223> tryptic co-digest of 15N-subtilisin DAI and subtilisin

<400> 7  
Val Ala Val Leu Asp Thr Gly Ile Ser Thr His Pro Asp Leu Asn Ile  
1 5 10 15  
Arg

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<220>  
<223> tryptic co-digest of 15N-subtilisin DAI and

subtilisin

<400> 8

Gly	Gly	Ala	Ser	Phe	Val	Pro	Gly	Glu	Pro	Ser	Thr	Gln	Asp	Gly	Asn
1				5					10					15	
Gly	His	Gly	Thr	His	Val	Ala	Gly	Thr	Ile	Ala	Ala	Leu	Asp	Asn	Ser
			20					25					30		
Ile	Gly	Val	Leu	Gly	Val	Ala	Pro	Ser	Ala	Glu	Leu	Tyr	Ala	Val	Lys
		35					40					45			

<210> 9

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<212> PRT

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<223> tryptic co-digest of 15N-subtilisin DAI and subtilisin

<400> 9

Val	Leu	Gly	Ala	Ser	Gly	Ser	Gly	Ala	Ile	Ser	Ser	Ile	Ala	Gln	Gly
1				5					10					15	
Leu	Glu	Trp	Ala	Gly	Asn	Asn	Gly	Met	His	Val	Ala	Asn	Leu	Ser	Leu
			20					25					30		
Gly	Ser	Pro	Ser	Pro	Ser	Ala	Thr	Leu	Glu	Gln	Ala	Val	Asn	Ser	Ala
		35					40					45			
Thr	Ser	Arg													
		50													

<210> 10

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<223> tryptic co-digest of 15N-subtilisin DAI and subtilisin

<400> 10

Gly	Val	Leu	Val	Val	Ala	Ala	Ser	Gly	Asn	Ser	Gly	Ala	Gly	Ser	Ile
1				5					10					15	
Ser	Tyr	Pro	Ala	Arg											
			20												

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<400> 11

Tyr	Ala	Asn	Ala	Met	Ala	Val	Gly	Ala	Thr	Asp	Gln	Asn	Asn	Asn	Arg
1				5					10					15	

<210> 12

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<223> tryptic co-digest of 15N-subtilisin DAI and subtilisin

<400> 12

Ala Ser Phe Ser Gln Tyr Gly Ala Gly Leu Asp Ile Val Ala Pro Gly  
1 5 10 15  
Val Asn Val Gln Ser Thr Tyr Pro Gly Ser Thr Tyr Ala Ser Leu Asn  
20 25 30  
Gly Thr Ser Met Ala Thr Pro His Val Ala Gly Ala Ala Leu Val  
35 40 45  
Lys

<210> 13

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<400> 13

Gln Lys Asn Pro Ser Trp Ser Asn Val Gln Ile Arg  
1 5 10

<210> 14

<211> 4

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<400> 14

Asn His Leu Lys  
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<223> tryptic co-digest of 15N-subtilisin DAI and subtilisin

<400> 15

Asn Thr Ala Thr Ser Leu Gly Ser Thr Asn Leu Tyr Gly Ser Gly Leu  
1 5 10 15  
Val Asn Ala Glu Ala Ala Thr Arg  
20

R3  
concluded